

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 66 1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	131979	1.4	1	0	22.96
				1	5	23.22
				3	2	22.03
				6	0	21.93
	1745	132322		1	0	22.86
				1	5	23.28
				3	2	22.12
				6	0	22.00
	1779.3	132665		1	0	22.76
				1	5	23.18
				3	2	22.46
				6	0	22.27
16QAM	1710.7	131979	1.4	1	0	21.02
				1	5	21.21
				3	2	21.16
				6	0	21.01
	1745	132322		1	0	21.62
				1	5	21.57
				3	2	20.94
				6	0	20.95
	1779.3	132665		1	0	21.35
				1	5	21.84
				3	2	21.21
				6	0	21.10
64QAM	1710.7	131979	1.4	1	0	21.18
				1	5	21.35
				3	2	21.03
				6	0	20.93
	1745	132322		1	0	21.05
				1	5	20.92
				3	2	20.86
				6	0	20.82
	1779.3	132665		1	0	21.52
				1	5	21.02
				3	2	21.37
				6	0	21.11

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	131987	3	1	0	22.83
				1	14	23.16
				8	4	21.92
				15	0	22.03
	1745	132322		1	0	22.86
				1	14	23.03
				8	4	22.26
				15	0	22.17
	1778.5	132657		1	0	22.91
				1	14	23.11
				8	4	22.50
				15	0	22.35
16QAM	1711.5	131987	3	1	0	21.14
				1	14	21.09
				8	4	21.13
				15	0	21.02
	1745	132322		1	0	21.78
				1	14	21.78
				8	4	20.91
				15	0	21.01
	1778.5	132657		1	0	21.56
				1	14	21.72
				8	4	21.20
				15	0	21.11
64QAM	1711.5	131987	3	1	0	21.19
				1	14	21.19
				8	4	20.88
				15	0	20.98
	1745	132322		1	0	21.13
				1	14	21.13
				8	4	20.91
				15	0	20.71
	1778.5	132657		1	0	21.39
				1	14	21.11
				8	4	21.38
				15	0	21.15

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	131997	5	1	0	22.89
				1	24	23.22
				12	6	21.94
				25	0	22.06
	1745	132322		1	0	22.86
				1	24	23.16
				12	6	22.25
				25	0	22.04
	1777.5	132647		1	0	22.96
				1	24	23.14
				12	6	22.35
				25	0	22.14
16QAM	1712.5	131997	5	1	0	21.14
				1	24	21.02
				12	6	21.02
				25	0	20.94
	1745	132322		1	0	21.71
				1	24	21.68
				12	6	21.07
				25	0	20.93
	1777.5	132647		1	0	21.30
				1	24	21.81
				12	6	21.20
				25	0	21.30
64QAM	1712.5	131997	5	1	0	21.09
				1	24	21.14
				12	6	20.89
				25	0	21.06
	1745	132322		1	0	21.05
				1	24	21.06
				12	6	21.05
				25	0	20.74
	1777.5	132647		1	0	21.57
				1	24	21.10
				12	6	21.36
				25	0	21.26

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	132022	10	1	0	22.83
				1	49	22.97
				24	12	22.08
				50	0	22.02
	1745	132322		1	0	22.73
				1	49	23.01
				24	12	22.15
				50	0	22.01
	1775	132622		1	0	22.80
				1	49	23.18
				24	12	22.53
				50	0	22.24
16QAM	1715	132022	10	1	0	21.16
				1	49	21.23
				24	12	20.94
				50	0	20.94
	1745	132322		1	0	21.68
				1	49	21.59
				24	12	21.10
				50	0	20.91
	1775	132622		1	0	21.43
				1	49	21.71
				24	12	21.24
				50	0	21.13
64QAM	1715	132022	10	1	0	21.18
				1	49	21.13
				24	12	20.90
				50	0	20.82
	1745	132322		1	0	21.14
				1	49	21.11
				24	12	20.88
				50	0	20.90
	1775	132622		1	0	21.54
				1	49	21.26
				24	12	21.22
				50	0	21.06

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	132047	15	1	0	23.01
				1	74	22.96
				40	18	22.06
				75	0	22.04
	1745	132322		1	0	22.98
				1	74	23.02
				40	18	22.07
				75	0	22.17
	1772.5	132597		1	0	22.85
				1	74	22.97
				40	18	22.46
				75	0	22.16
16QAM	1717.5	132047	15	1	0	21.14
				1	74	21.21
				40	18	21.02
				75	0	20.91
	1745	132322		1	0	21.79
				1	74	21.82
				40	18	21.12
				75	0	20.86
	1772.5	132597		1	0	21.45
				1	74	21.62
				40	18	21.09
				75	0	21.35
64QAM	1717.5	132047	15	1	0	21.21
				1	74	21.28
				40	18	20.93
				75	0	21.08
	1745	132322		1	0	20.98
				1	74	21.05
				40	18	20.89
				75	0	20.80
	1772.5	132597		1	0	21.39
				1	74	21.12
				40	18	21.38
				75	0	21.21

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	132072	20	1	0	23.12
				1	99	23.35
				50	25	22.22
				100	0	22.19
	1745	132322		1	0	23.09
				1	99	23.40
				50	25	22.40
				100	0	22.38
	1770	132572		1	0	23.13
				1	99	23.32
				50	25	22.68
				100	0	22.51
16QAM	1720	132072	20	1	0	21.35
				1	99	21.40
				50	25	21.29
				100	0	21.27
	1745	132322		1	0	21.90
				1	99	21.93
				50	25	21.29
				100	0	21.17
	1770	132572		1	0	21.68
				1	99	21.98
				50	25	21.43
				100	0	21.48
64QAM	1720	132072	20	1	0	21.35
				1	99	21.52
				50	25	21.27
				100	0	21.20
	1745	132322		1	0	21.31
				1	99	21.29
				50	25	21.24
				100	0	21.07
	1770	132572		1	0	21.76
				1	99	21.38
				50	25	21.55
				100	0	21.42

2 Occupied Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
66	1710.7	131979	1.4	6	0	1.0770	Fig.1	1.0790	Fig.2	1.0740	Fig.3
	1745	132322		6	0	1.0731	Fig.4	1.0778	Fig.5	1.0759	Fig.6
	1779.3	132665		6	0	1.0780	Fig.7	1.0770	Fig.8	1.0759	Fig.9
	1711.5	131987	3	15	0	2.6791	Fig.10	2.6776	Fig.11	2.6852	Fig.12
	1745	132322		15	0	2.6831	Fig.13	2.6866	Fig.14	2.6783	Fig.15
	1778.5	132657		15	0	2.6880	Fig.16	2.6909	Fig.17	2.6826	Fig.18
	1712.5	131997	5	25	0	4.4686	Fig.19	4.4609	Fig.20	4.4581	Fig.21
	1745	132322		25	0	4.4767	Fig.22	4.4694	Fig.23	4.4731	Fig.24
	1777.5	132647		25	0	4.4668	Fig.25	4.4516	Fig.26	4.4639	Fig.27
	1715	132022	10	50	0	8.8803	Fig.28	8.8999	Fig.29	8.9239	Fig.30
	1745	132322		50	0	8.9093	Fig.31	8.9247	Fig.32	8.8998	Fig.33
	1775	132622		50	0	8.9092	Fig.34	8.9011	Fig.35	8.8709	Fig.36
	1717.5	132047	15	75	0	13.386	Fig.37	13.373	Fig.38	13.334	Fig.39
	1745	132322		75	0	13.323	Fig.40	13.399	Fig.41	13.321	Fig.42
	1772.5	132597		75	0	13.367	Fig.43	13.352	Fig.44	13.324	Fig.45
	1720	132072	20	100	0	17.792	Fig.46	17.792	Fig.47	17.804	Fig.48
1745	132322	100		0	17.842	Fig.49	17.821	Fig.50	17.770	Fig.51	
1770	132572	100		0	17.797	Fig.52	17.793	Fig.53	17.766	Fig.54	

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
66	1710.7	131979	1.4	6	0	1.222	Fig.1	1.203	Fig.2	1.229	Fig.3
	1745	132322		6	0	1.219	Fig.4	1.210	Fig.5	1.230	Fig.6
	1779.3	132665		6	0	1.229	Fig.7	1.208	Fig.8	1.230	Fig.9
	1711.5	131987	3	15	0	2.880	Fig.10	2.889	Fig.11	2.889	Fig.12
	1745	132322		15	0	2.869	Fig.13	2.858	Fig.14	2.865	Fig.15
	1778.5	132657		15	0	2.875	Fig.16	2.843	Fig.17	2.873	Fig.18
	1712.5	131997	5	25	0	4.746	Fig.19	4.751	Fig.20	4.681	Fig.21
	1745	132322		25	0	4.735	Fig.22	4.687	Fig.23	4.770	Fig.24
	1777.5	132647		25	0	4.836	Fig.25	4.702	Fig.26	4.688	Fig.27
	1715	132022	10	50	0	9.307	Fig.28	9.328	Fig.29	9.330	Fig.30
	1745	132322		50	0	9.284	Fig.31	9.328	Fig.32	9.380	Fig.33
	1775	132622		50	0	9.367	Fig.34	9.281	Fig.35	9.285	Fig.36
	1717.5	132047	15	75	0	13.90	Fig.37	13.88	Fig.38	13.87	Fig.39
	1745	132322		75	0	13.88	Fig.40	14.04	Fig.41	13.86	Fig.42
	1772.5	132597		75	0	13.86	Fig.43	13.86	Fig.44	13.89	Fig.45
	1720	132072	20	100	0	18.54	Fig.46	18.52	Fig.47	18.51	Fig.48
1745	132322	100		0	18.57	Fig.49	18.52	Fig.50	18.51	Fig.51	
1770	132572	100		0	18.57	Fig.52	18.49	Fig.53	18.52	Fig.54	

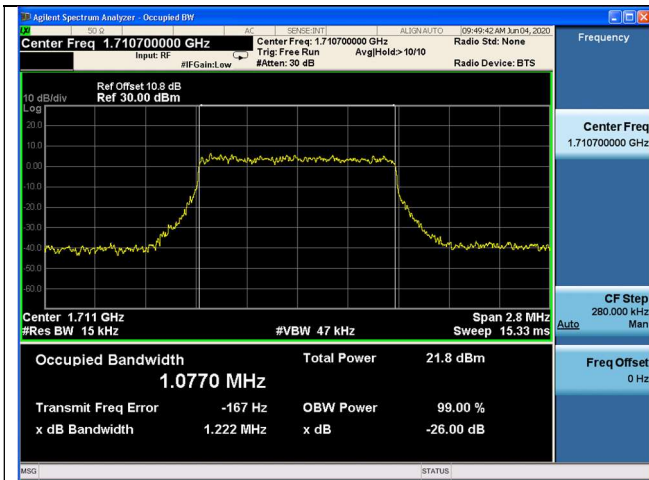


Fig.1

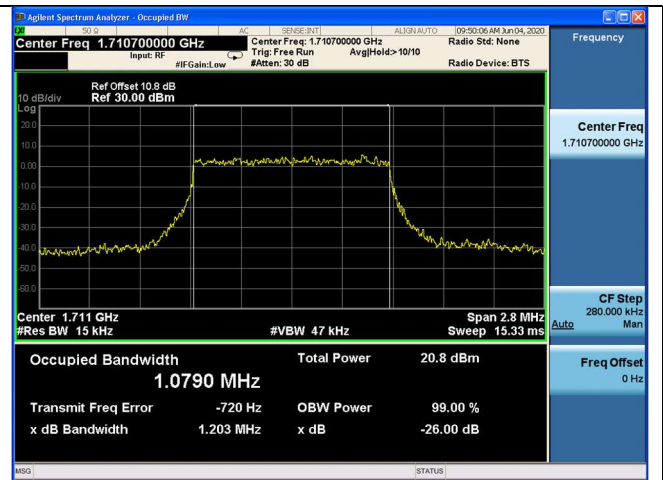


Fig.2

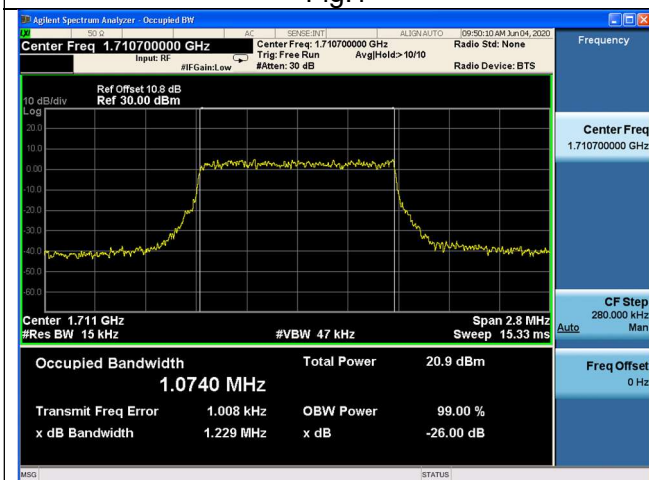


Fig.3

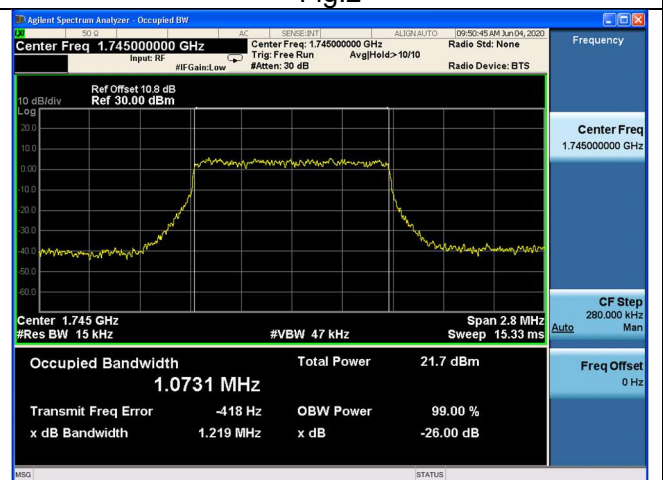


Fig.4

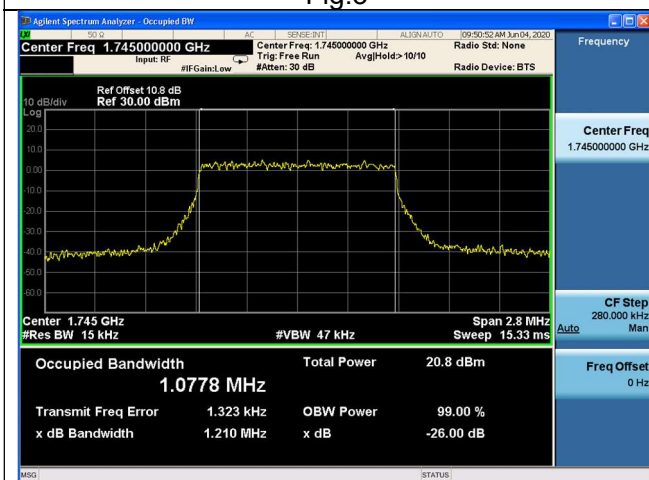


Fig.5

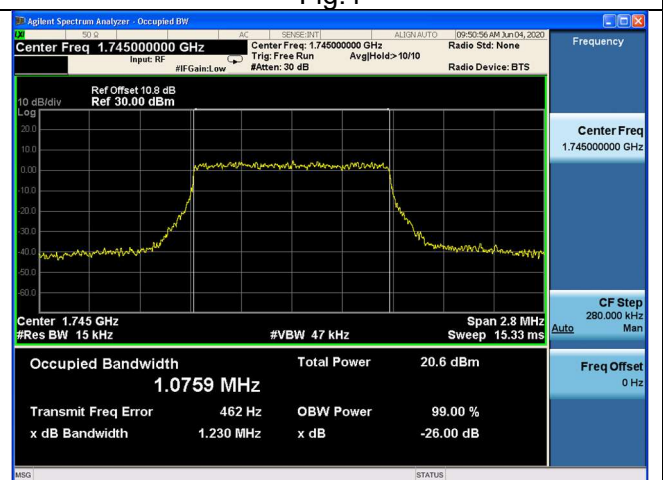


Fig.6

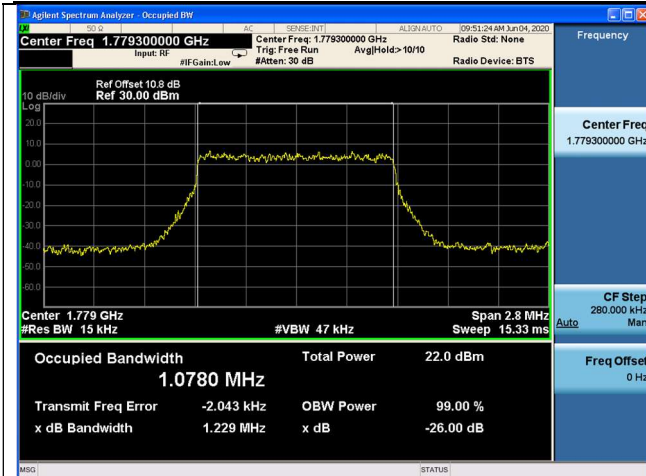


Fig.7

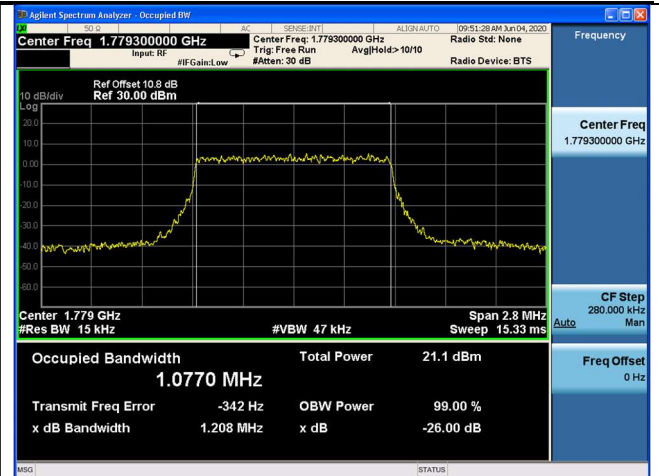


Fig.8

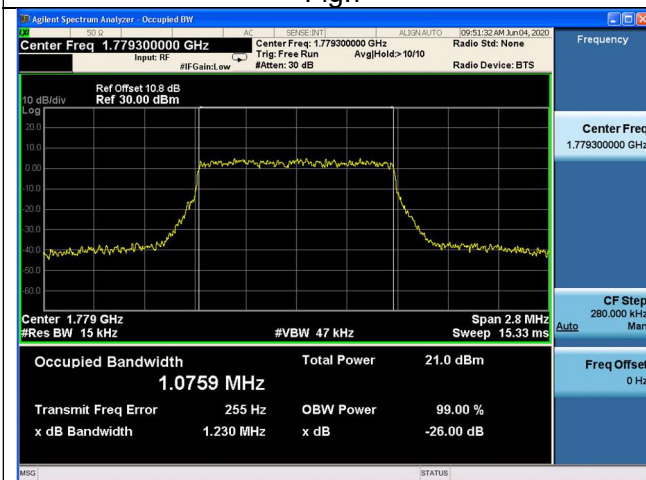


Fig.9

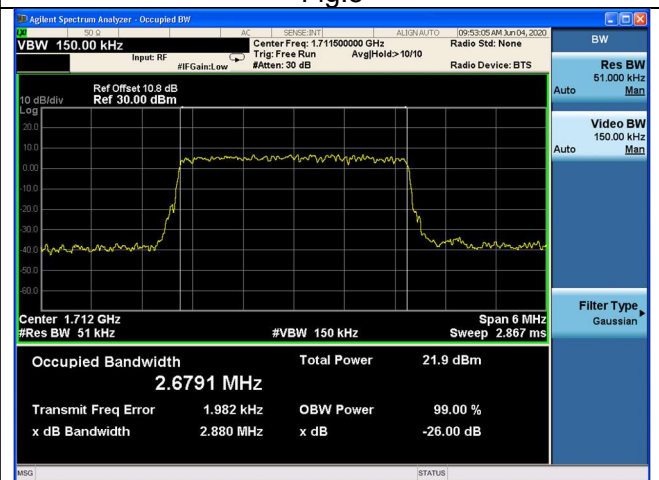


Fig.10

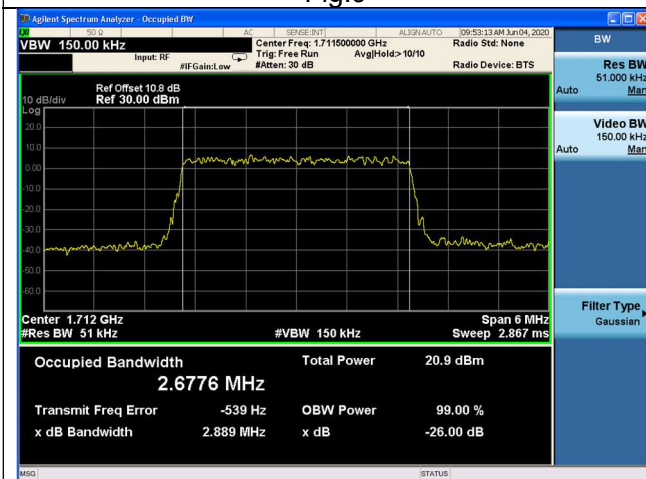


Fig.11

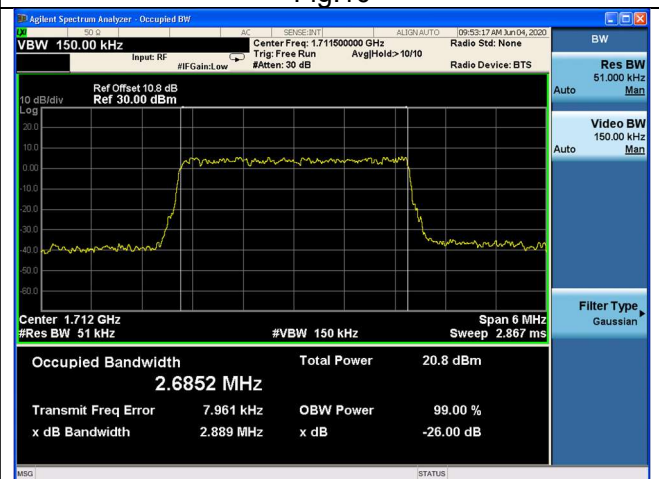


Fig.12

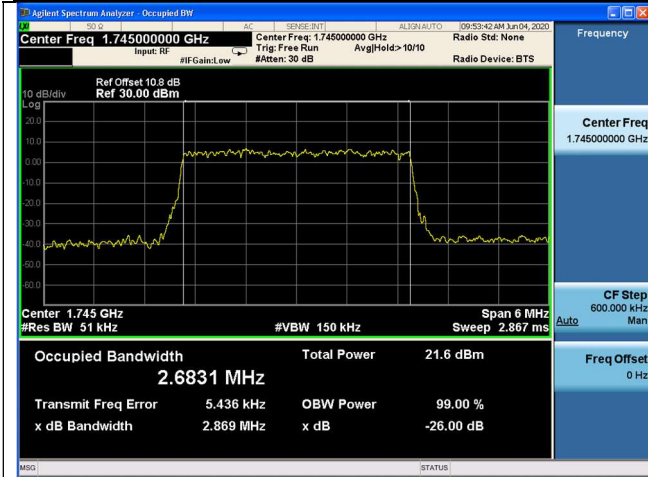


Fig.13

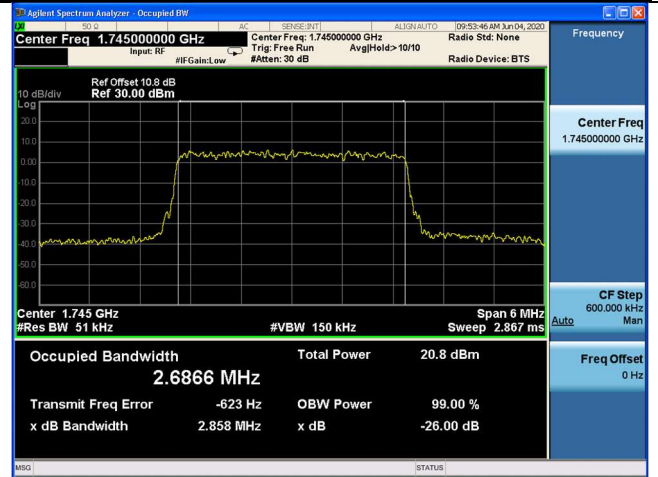


Fig.14

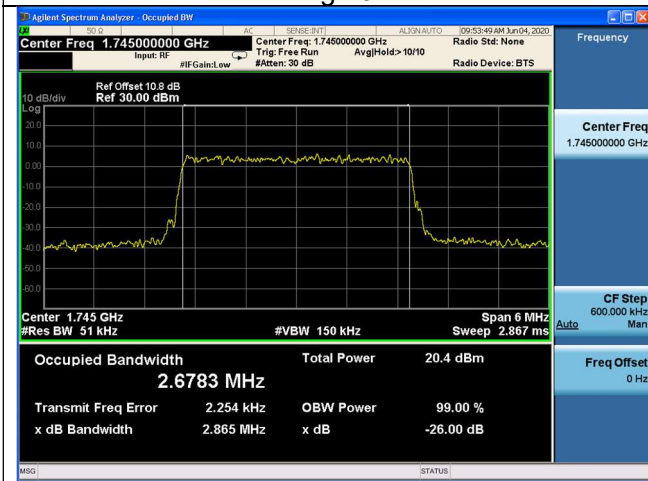


Fig.15

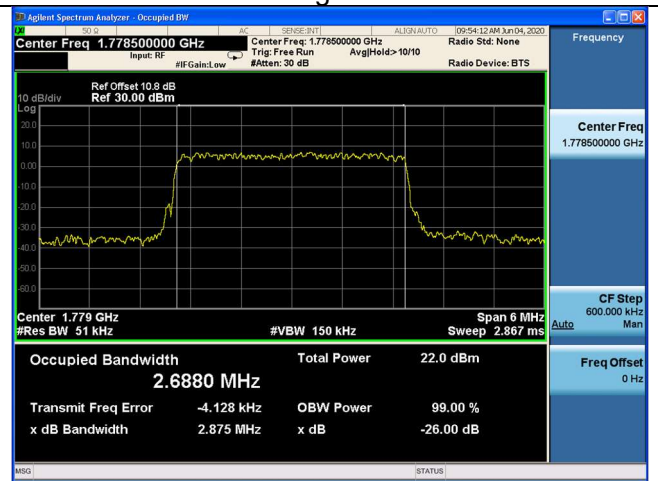


Fig.16

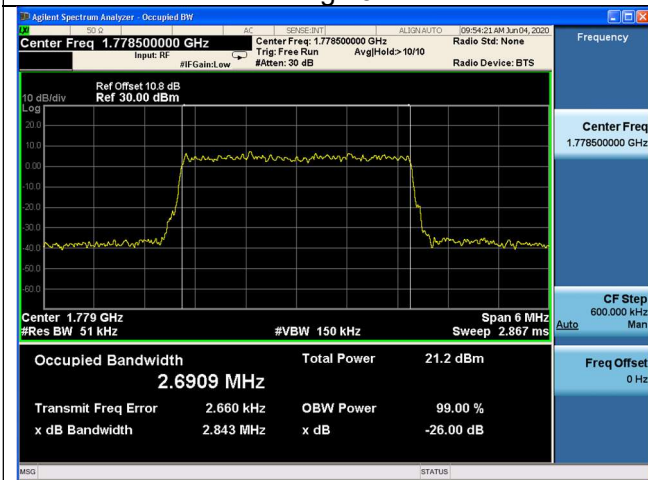


Fig.17

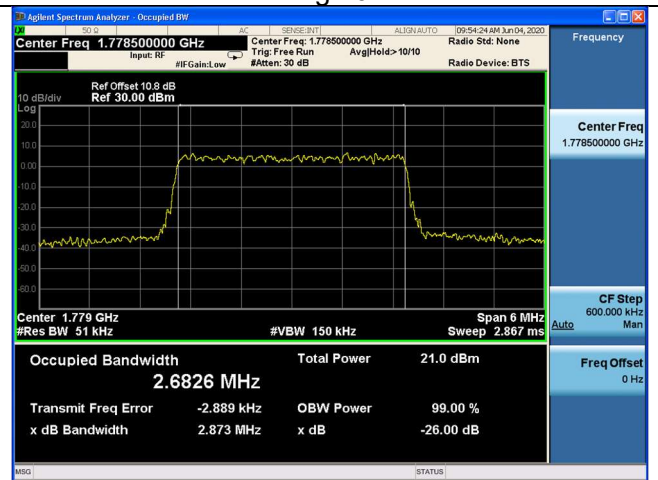


Fig.18

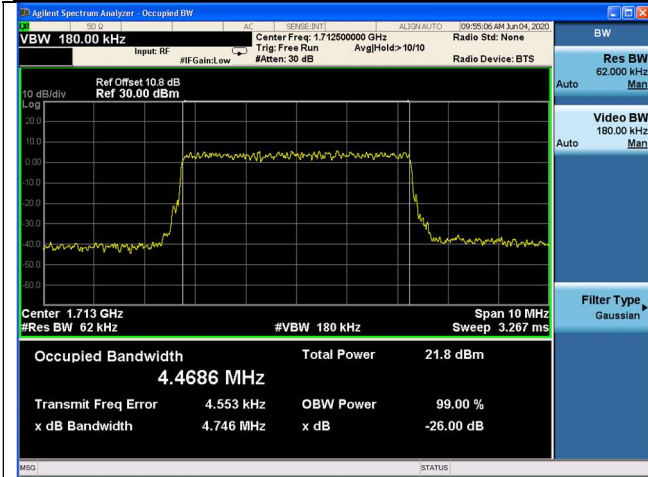


Fig.19

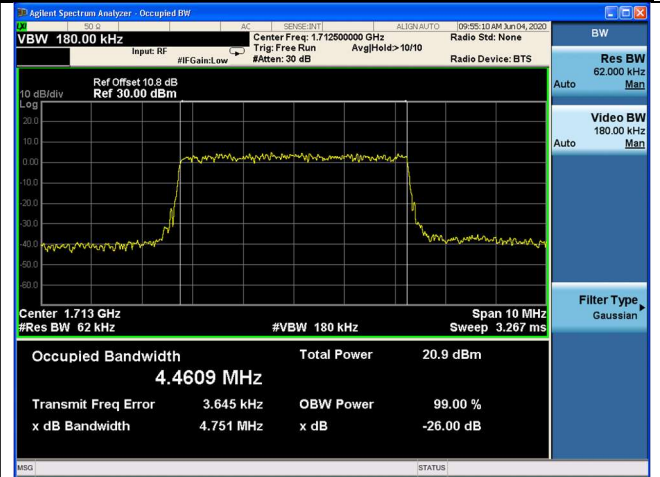


Fig.20

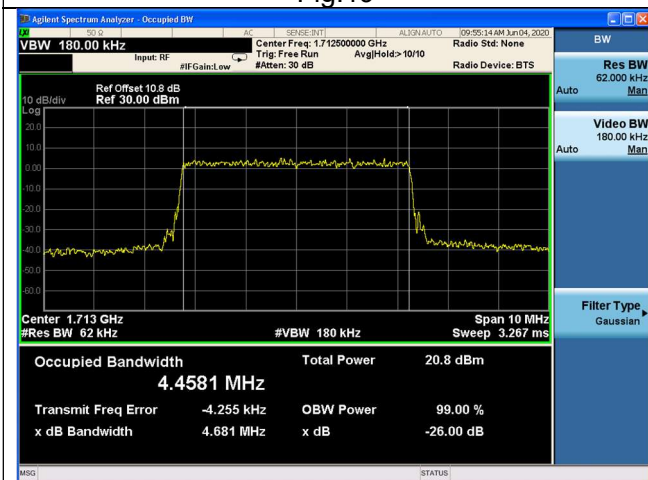


Fig.21

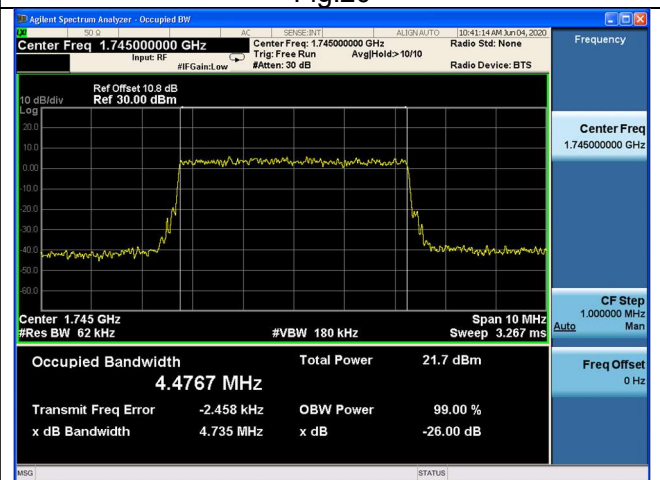


Fig.22

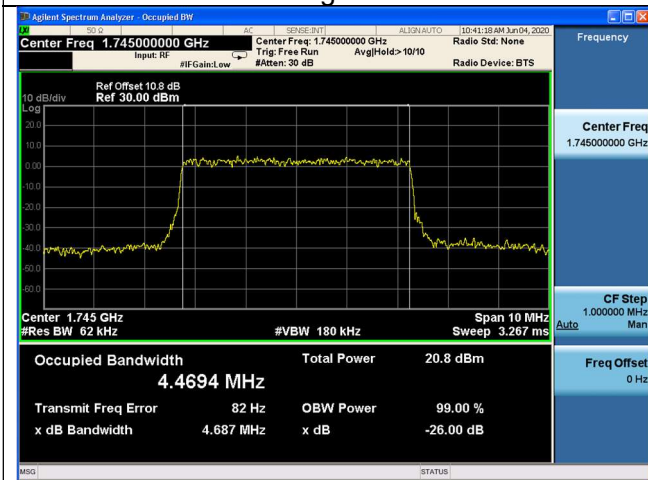


Fig.23

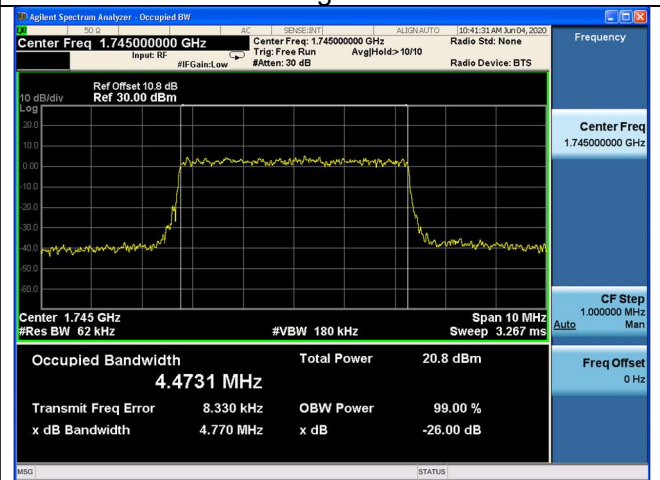


Fig.24

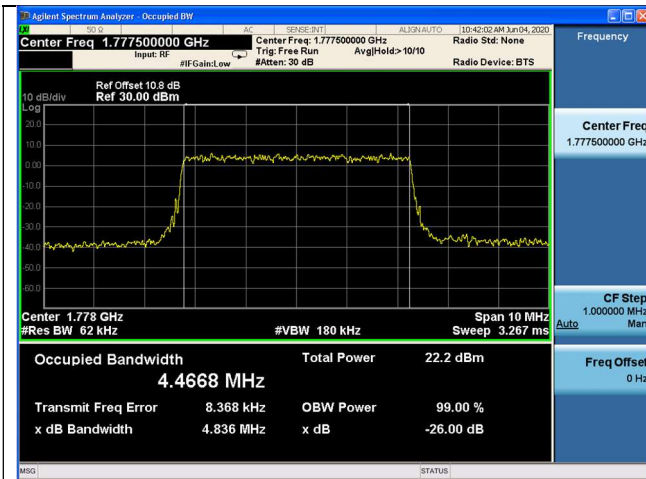


Fig.25



Fig.26

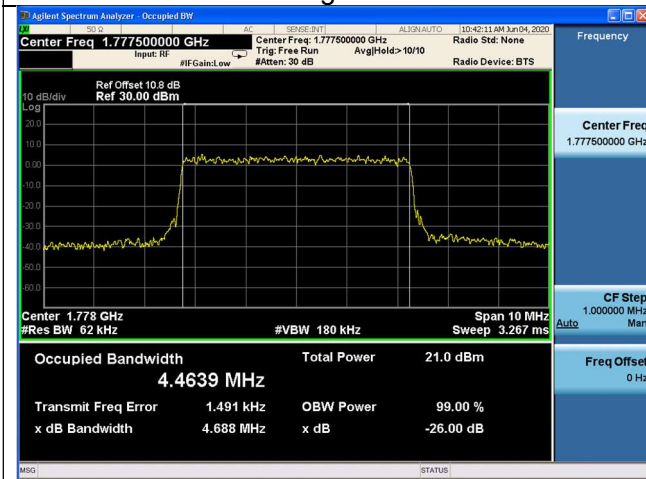


Fig.27

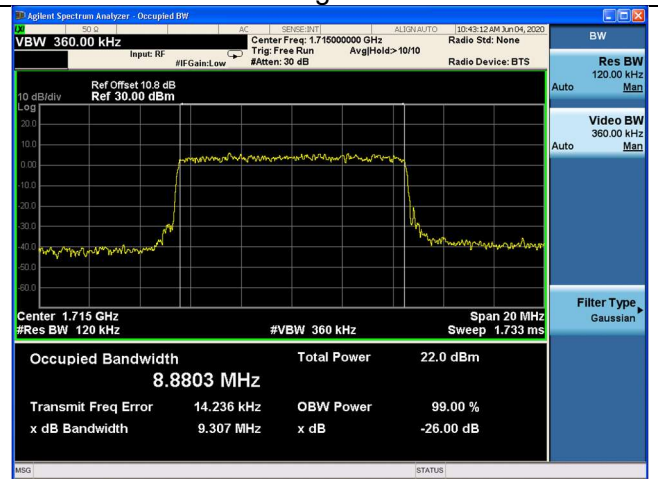


Fig.28

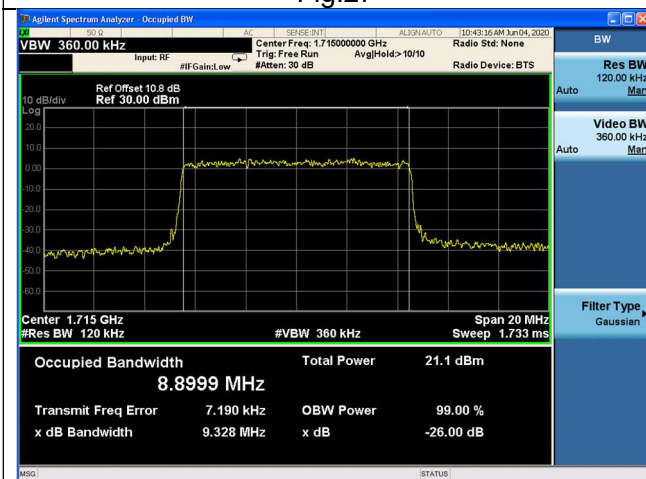


Fig.29

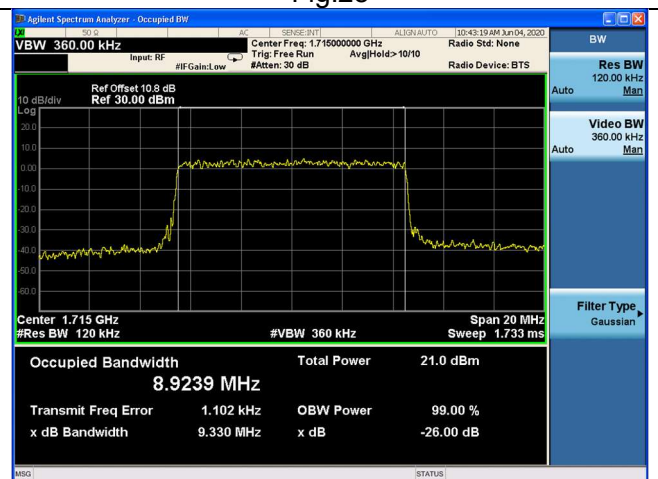


Fig.30

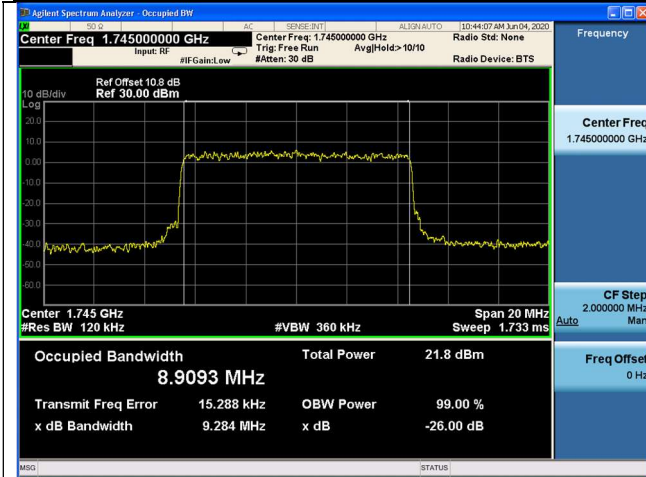


Fig.31

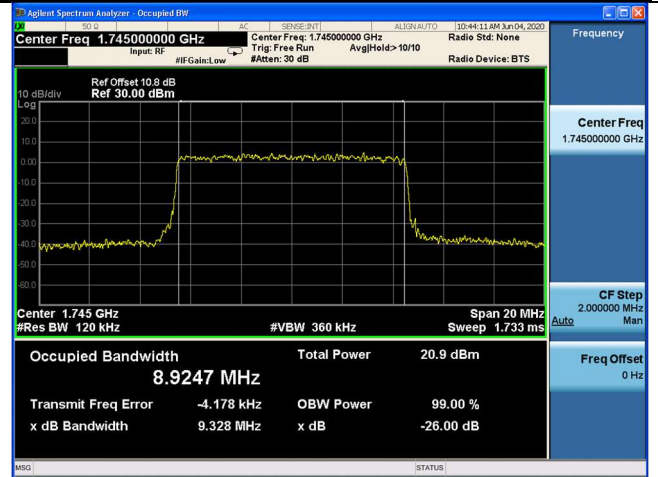


Fig.32

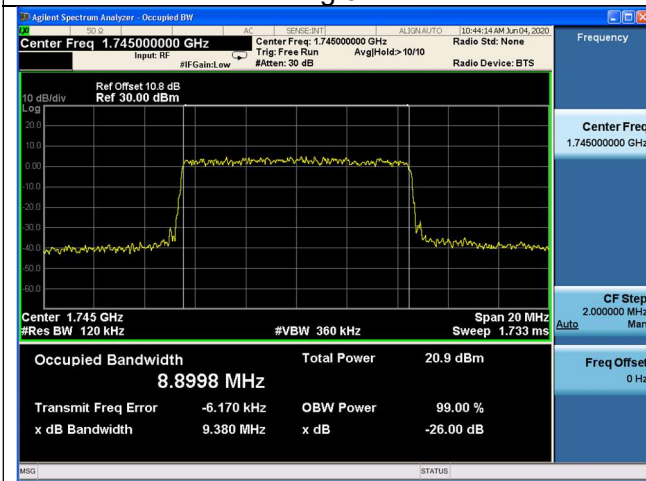


Fig.33

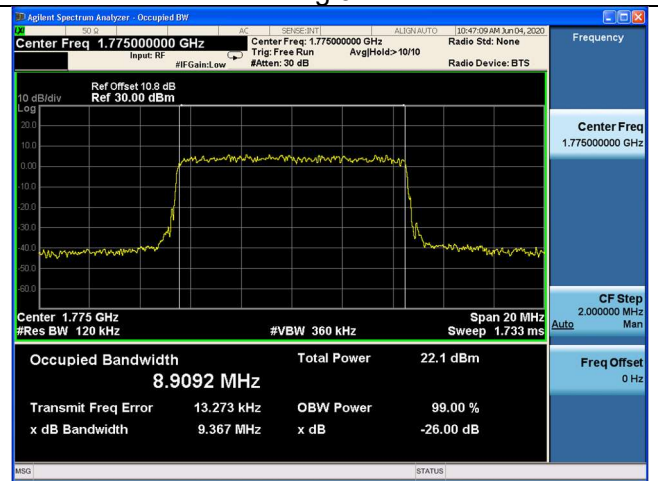


Fig.34

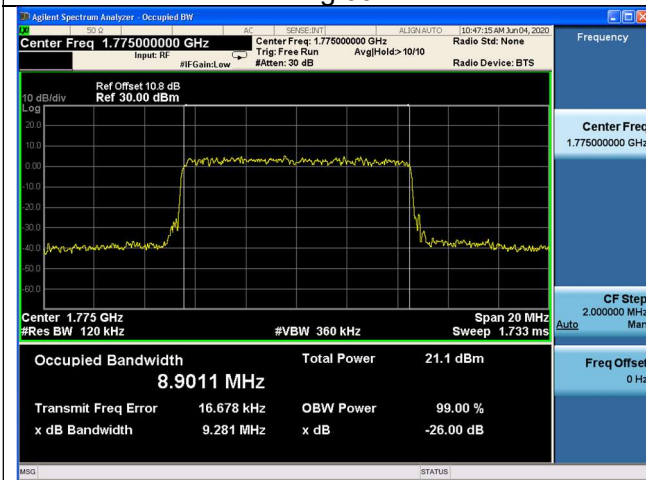


Fig.35

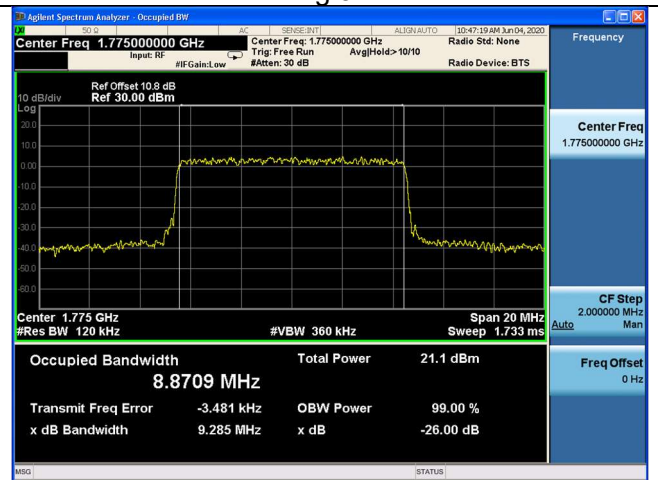


Fig.36

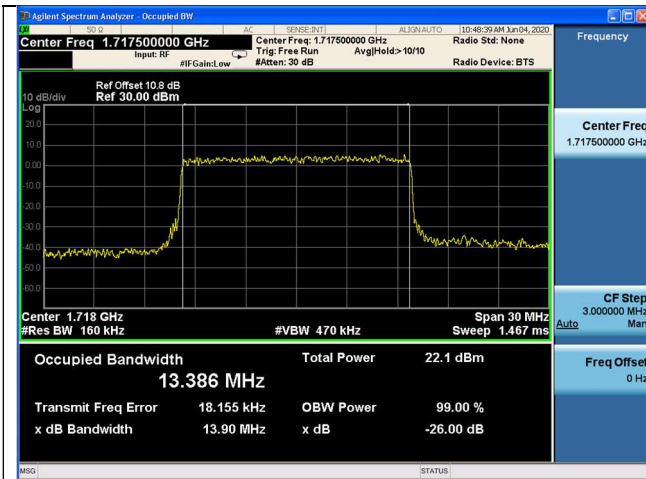


Fig.37

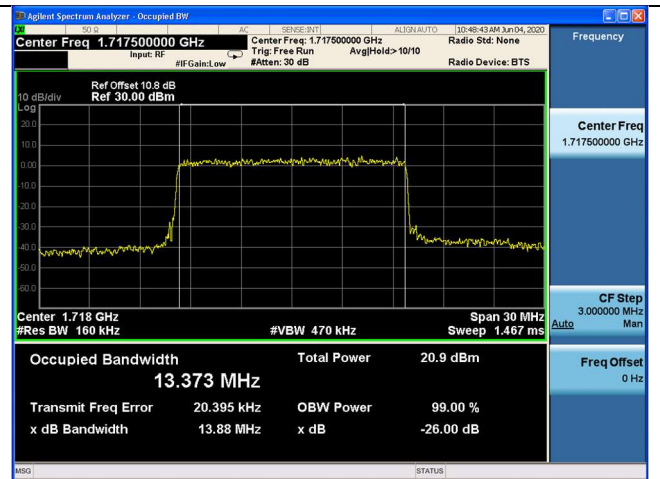


Fig.38

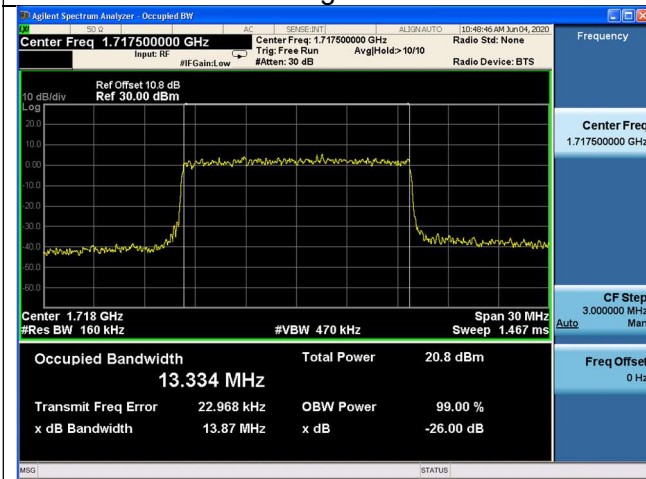


Fig.39

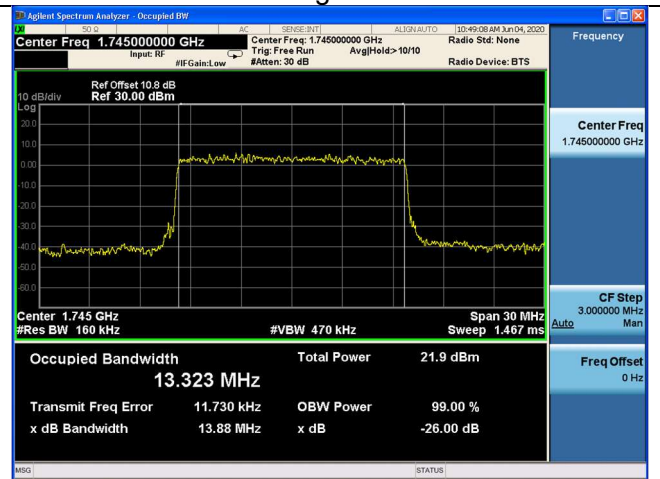


Fig.40

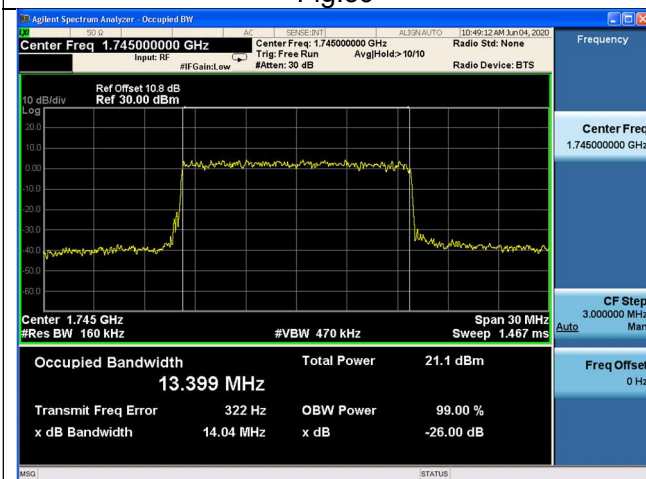


Fig.41

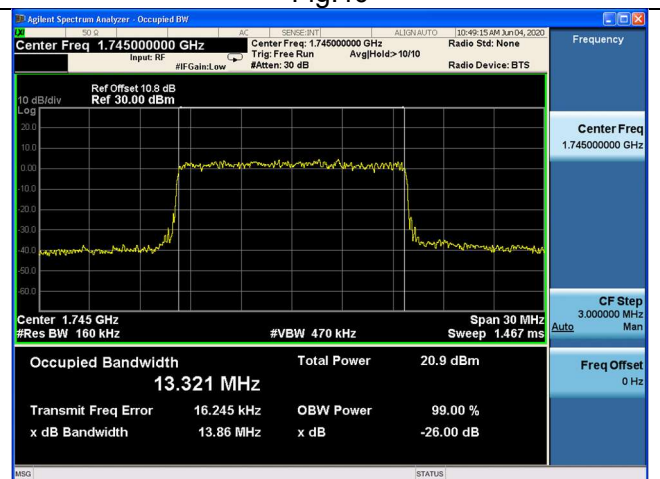


Fig.42